

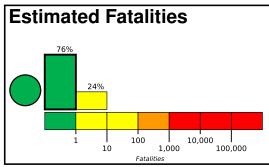




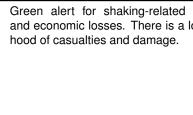
PAGER Version 3

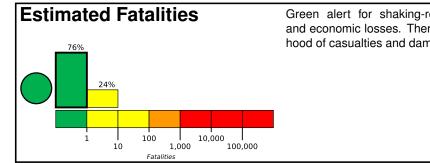
Created: 2 hours, 3 minutes after earthquake

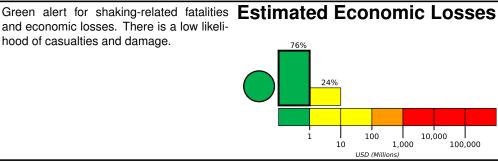
M 5.4, south of TongaOrigin Time: 2023-08-16 16:00:20 UTC (Wed 04:00:20 local)
Location: 24.4031° S 175.9453° W Depth: 16.0 km



and economic losses. There is a low likeli-





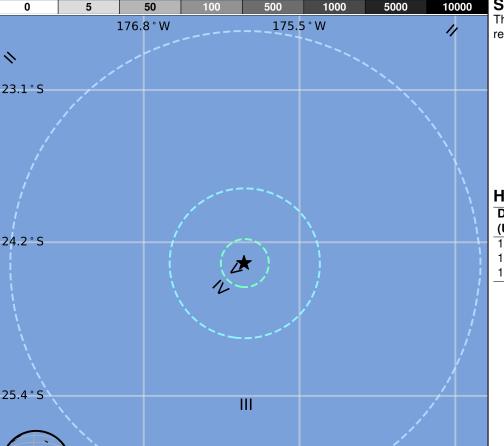


Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k=x1000) | | _* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--------------------------|----------|--------|-------|----------|----------|-------------|------------|----------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY | | I | 11-111 | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| POTENTIAL DAMAGE | Resistant Structures | None | None | None | V. Light | Light | Moderate | Mod./Heavy | Heavy | V. Heavy |
| | Vulnerable Structures | None | None | None | Light | Moderate | Mod./Heavy | Heavy | V. Heavy | V. Heavy |

^{*}Estimated exposure only includes population within the map area.

Population Exposure



population per 1 sq. km from Landscan **Structures**

There are likely to be no affected structures in this

Historical Earthquakes

| Date | Dist. | Mag. | Max | Shaking |
|------------|-------|------|----------|---------|
| (UTC) | (km) | | MMI(#) | Deaths |
| 1974-08-06 | 307 | 5.8 | V(45k) | _ |
| 1983-03-21 | 327 | 6.7 | VII(53k) | _ |
| 1977-06-22 | 167 | 8.0 | VII(47k) | 0 |

Selected City Exposure

from GeoNames.org

100

MMI City Population

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

Event ID: us7000knsr